

**ABSTRACT OF THE DISCLOSURE**

There are provided a method and device for generating component mounting data in view of productivity, quality assurance, safety, or the like, when components are mounted onto a mounting target, and a component mounting method and device by which a mounting operation can be performed based on the data. Rules that must be observed, or are desired to be observed, based on various conditions such as mounting apparatus and component information and the like are automatically generated in view of productivity, quality assurance, safety, or the like and can be utilized for generation of component mounting data.